IN THE SPECIFICATION

Please add the following paragraph at page 10, line 31:

Figure 14 is a perspective view of a heat transfer element according to the invention, with a smooth elongated heat transfer segments separated by smooth flexible tubes.

Please amend the paragraph beginning at page 25, line 16, and the following paragraph beginning at line 28, as follows:

FIG. 11 is a perspective view of a third embodiment of a heat transfer element 70 according to the present invention. The heat transfer element 70 is comprised of a series of elongated, articulated segments or modules 72. A first elongated heat transfer segment 72 is located at the proximal end of the heat transfer element 70. The segment 72 may be a smooth right circular cylinder, as addressed in FIG. 3C, or it can incorporate a turbulence-inducing or mixing-inducing exterior surface. FIG. 14 shows a plurality of first smooth elongated heat transfer segments 102 coupled to one another by smooth flexible tubes 108. The turbulence-inducing or mixing-inducing exterior surface shown on the segment 72 in FIG. 11 comprises a plurality of parallel longitudinal ridges 74 with parallel longitudinal grooves 76 therebetween. One, two, three, or more parallel longitudinal ridges 74 could be used without departing from the spirit of the present invention. In the embodiment where they are used, the longitudinal ridges 74 and the longitudinal grooves 76 of the heat transfer segment 72 are aligned parallel with the axis of the first heat transfer segment 72.

The first heat transfer segment 72 is coupled to a second elongated heat transfer segment 72 by a first flexible section such as a bellows section 78, which provides flexibility and compressibility. Alternatively, the flexible section may be a simple flexible tube, very similar to a smooth heat transfer segment as addressed in FIG. 3C, but flexible, as shown as sections 108 in FIG. 14. The second heat transfer segment 72 also comprises a plurality of parallel longitudinal ridges 74 with parallel longitudinal grooves 76 therebetween. The longitudinal ridges 74 and the longitudinal grooves 76 of the second heat transfer segment 72 are aligned parallel with the axis of the second heat transfer segment 72. The second heat transfer segment 72 is coupled to a third elongated heat transfer segment 72 by a second flexible section such as a bellows section 78 or a flexible tube. The third heat transfer segment 72 also comprises a plurality of parallel longitudinal ridges 74 with parallel longitudinal grooves 76 therebetween. The longitudinal ridges 74 and the longitudinal grooves 76 of the third heat transfer segment 72 are aligned parallel with the axis of the third heat transfer segment 72. Further, in this embodiment, adjacent heat transfer segments 72 of the heat transfer element 70 have their longitudinal ridges 74 aligned with each other, and their longitudinal grooves 76 aligned with each other.